

# A BINARY OBJECT SYSTEM FOR AUTOMATED DATA TRANSLATION

## ABSTRACT

Apparatus for the automated translation of data sets includes a computer at a local site receiving information from a remote site. The computer compiles this information into one or more binary objects, and uses these binary objects to service customer requests by transforming a data value from a first representation into a second representation. The  
5 received information is typically localization information, e.g., rules for time zone conversion, daylight savings time adjustments, currency conversion, language translation, etc., but can address other types of conversion. A system formed by the remote site, the computer at the local site with a binary object in memory, and a communications module connecting the two, and a method are also discussed.